

AMENDMENTS TO THE CLAIMS

Claims 1, 3-6, 11, 16, 19, 22, and 27 have been amended. New claims 30-44 have been added. The following is a complete listing of the claims, which replace all previous versions and listings of the claims.

1. (currently amended) A method of printer color correction, comprising ~~the steps of~~:
accessing characterization data of a color ink cartridge of a color ink jet printer;
and
rendering consistent color for the color ink jet printer based on the
characterization data.

2. (original) The method of claim 1, wherein the characterization data comprises density data of the color ink cartridge.

3. (currently amended) The method of claim 1, wherein ~~the~~ rendering consistent color comprises step comprising the step of:
adding the characterization data to a printer profile for the color ink jet printer.

4. (currently amended) The method of claim 1, further comprising ~~the step of~~:
reading an identifier for the color ink cartridge associated with the
characterization data of the color ink cartridge to access the
characterization data ~~perform the accessing step~~ based on the identifier.

5. (currently amended) The method of claim 4, wherein the identifier comprises an identification ~~a serial~~-number of the color ink cartridge.
6. (currently amended) The method of claim 1, wherein the ~~the~~ accessing characterization data comprises ~~step comprising the step of:~~
accessing the characterization data over the Internet.
7. (original) A printer color correction program, comprising:
code to access characterization data of a color ink cartridge of a color ink jet printer; and
code to render consistent color for the color ink jet printer based on the characterization data.
8. (original) The printer color correction program of claim 7, wherein the characterization data comprises density data of the color ink cartridge.
9. (original) The printer color correction program of claim 7, the code to render consistent color comprising:
code to add the characterization data to a printer profile for the color ink jet printer.

10. (original) The printer color correction program of claim 7, further comprising:
code to read an identifier for the color ink cartridge associated with the
characterization data of the color ink cartridge,
wherein the code to access characterization data accesses the characterization data
based on the identifier.

11. (currently amended) The printer color correction program of claim 10, wherein the
identifier comprises an identification ~~a serial~~ number of the color ink cartridge.

12. (original) The printer color correction program of claim 7, the code to access
comprising:
code to access the characterization data of the color ink cartridge over the Internet.

13. (original) A color ink cartridge characterization program, comprising:
code to characterize a color ink cartridge of a color ink jet printer to create ink
cartridge characterization data for the color ink cartridge; and
code to store the ink cartridge characterization data in association with an
identifier for the color ink cartridge.

14. (original) The color ink cartridge characterization program of claim 13, wherein the
ink cartridge characterization data comprises density data of the color ink cartridge.

15. (original) The color ink cartridge characterization program of claim 14, wherein the density data comprises curve fitted density data of the color ink cartridge.

16. (currently amended) A printer color correction system, comprising:

[[a]] means for accessing characterization data of a color ink cartridge of a color ink jet printer; and

[[a]] means for rendering consistent color for the color ink jet printer based on the characterization data.

17. (original) The printer color correction system of claim 16, wherein the characterization data comprises density data of the color ink cartridge.

18. (original) The printer color correction system of claim 17, wherein the density data comprises curve fitted density data of the color ink cartridge.

19. (currently amended) A method of color ink cartridge characterization, comprising ~~the steps of~~:

characterizing a color ink cartridge of a color ink jet printer to create ink cartridge characterization data for the color ink cartridge; and
storing the ink cartridge characterization data in association with an identifier for the color ink cartridge.

20. (original) The method of claim 19, wherein the ink cartridge characterization data comprises density data of the color ink cartridge.

21. (original) The method of claim 20, wherein the density data comprises curve fitted density data of the color ink cartridge.

22. (currently amended) The method of claim 19, wherein the storing the ink cartridge characterization data comprises ~~step comprising the step of:~~

storing the ink cartridge characterization data on a website.

23. (original) A computer system, comprising:

a processor; and

a printer color correction program executable by the processor, the program

comprising:

code to access characterization data of a color ink cartridge of a color ink

jet printer; and

code to render consistent color for the color ink jet printer based on the

characterization data.

24. (original) The computer system of claim 23, the printer color correction program further comprising:

code to read an identifier for the color ink cartridge associated with the
characterization data of the color ink cartridge,
wherein the code to access characterization data accesses the characterization data
based on the identifier.

25. (original) The computer system of claim 23, wherein the characterization data
comprises density data of the color ink cartridge.

26. (original) The computer system of claim 25, the code to render consistent color
comprising:

code to compare the density data to a predetermined ink cartridge density level;
and
code to adjust color for the color ink jet printer to match the predetermined ink
cartridge density level.

27. (currently amended) A color ink cartridge characterization system, comprising:

[[a]] means for characterizing a color ink cartridge of a color ink jet printer to
create ink cartridge characterization data for the color ink cartridge; and
[[a]] means for storing the ink cartridge characterization data in association with
an identifier for the color ink cartridge.

28. (original) The color ink cartridge characterization program of claim 27, wherein the color ink cartridge characterization data comprises density data of the color ink cartridge.

29. (original) The color ink cartridge characterization program of claim 28, wherein the density data comprises curve fitted density data of the color ink cartridge.

30. (new) A printer configured to access characterization data for a color ink cartridge and to issue print instructions to the color ink cartridge based on the characterization data.

31. (new) A method of using a printer comprising:

accessing a website containing an ink cartridge identifier associated with an ink cartridge and characterization data associated with the ink cartridge identifier;

downloading the characterization data for the ink cartridge based on the ink cartridge identifier; and

using the characterization data to control the ink cartridge of the printer.

32. (new) A printer cartridge comprising:

a housing; and

a computer chip associated with the housing and configured to store information associated with characterization data for the printer cartridge.

33. (new) The printer cartridge, as set forth in claim 32, wherein the computer chip is configured to store a unique identifier associated with characterization data for the printer cartridge.

34. (new) The printer cartridge, as set forth in claim 32, wherein the computer chip is configured to store the characterization data.

35. (new) A method of calibrating a printer comprising:

receiving a printer cartridge;

accessing characterization data corresponding to the printer cartridge;

downloading the characterization data; and

calibrating the printer using characterization data.

36. (new) The method, as set forth in claim 35, wherein accessing the characterization data comprises accessing a website.

37. (new) The method, as set forth in claim 35, wherein accessing the characterization data comprises accessing a computer chip associated with the printer cartridge.

38. (new) A tangible machine readable medium comprising:

code adapted to access characterization data associated with a printer cartridge;

and

code adapted to issue print commands to the printer cartridge based on the
characterization data.

39. (new) A computer system comprising:

a printer configured to receive a printer cartridge; and

a computer configured to:

access characterization data associated with the printer cartridge; and

calibrate the printer using the characterization data.

40. (new) The computer system, as set forth in claim 39, wherein the computer is
configured to download the characterization data from a website.

41. (new) The color ink cartridge characterization program, as set forth in claim 13,
wherein the code to store the ink cartridge characterization data comprises code to store the ink
cartridge characterization data on a website.

42. (new) The color ink cartridge characterization program, as set forth in claim 13,
wherein the code to store the ink cartridge characterization data comprises code to store the ink
cartridge characterization data on a computer chip associated with the color ink cartridge.

43. (new) The method of color ink cartridge characterization, as set forth in claim 19, wherein storing the ink cartridge characterization data comprises storing the ink cartridge characterization data on a website.

44. (new) The method of color ink cartridge characterization, as set forth in claim 19, wherein storing the ink cartridge characterization data comprises storing the ink cartridge characterization data on a computer chip associated with the color ink cartridge.